

QUERY	1	10	20	30	40
UniRef90_Q2T223	A A P A N A	V T A D D	P T A I A L	K Y N Q D A T	K S E R V A A R P G
UniRef90_UPI0003799FD9	S A D [P] M L	S E T D P T A V A L	G Y K A D A T K	V D K A K F P K Y	A A G
UniRef90_UPI0004781CF2	A A D P H V	A E S D P T A Q A L	G Y K E D A T K	V D K A K Y P K Y	Q A G G
UniRef90_D5W9Y8	A A D P K V	S E S D P T A V A L	G Y K N D A A Q V	V D K A K Y A K Y	A A G
UniRef90_UPI000470B07A	A Q A A A H V	E E S D E T A V A L	G Y K A D A S K V	V D K A K F A K F	E P G E
UniRef90_D5WKR0	A A D P V L	A E N D P T A Q A L	G Y K M D V S K V	D K T K F P R Y	Q T G
UniRef90_U3QG92	A Q A G K L	D E N D P Q A F S L	G Y K H D T T K V	D K A K F P K	H E A S
UniRef90_I3Y7K8		D D P T A V A L	K Y N Q D A T K S E R	V A A A R P G A P A E E	
UniRef90_A0A022GEA8		P M V D E K D P Q A V G L	G Y K A D T T K V	D K A K Y P K	H D A T
UniRef90_A0A023NS44	A A D [P] H V	A E S D P T A K A L	G Y V E D A S K T S D A K		H K A G
UniRef90_UPI00036C391C	E R L E E S D D P Q A R A L	S Y V H D A S T T D H			P D Y R E G G
UniRef90_UPI00034A2833	A A D E K V	S E S D P T A K S L	G Y V E D A T R V D K	A R F P A Y A A G	
UniRef90_A0A038GP53	S A R P E I	S E E A D P T A Q S V	G Y R S D A K Q V D T A K Y P K Y		Q S G G
UniRef90_I4WQK0	A A D [P] H V	T D A D P T A K A L	G Y V E D N T T T		K N P K H K A G G
UniRef90_R4VGJ6	A Q D M P R L	E E D D P Q A V A L	N Y V H D A T D K D D		M R E S G
UniRef90_K8R9V8	A D A P H L	S E S D P A A V A V	G Y K E N A A K V D K	A K Y P N F A A D	
UniRef90_UPI000475586F	A D D [P] H L	S P T D A T A Q T L L	G Y V E D A T K A D K	A K F P T Y T A G	
UniRef90_UPI0004263350	A E G Q K L	S P N D P M A K S L	H Y V E D A S K A K R P	P R E G T P G E Q	
UniRef90_D5WNP4	A D A A P V	L E S D A N A Q A Q A L	G Y R T D A G K V D R A K Y P K F		Q T G G
UniRef90_H1G228	A K A M E R L	R E S D D P A A Q A Q A L	N Y V H D A S	A A A G H P A Y E E G	
UniRef90_UPI00034D3051	A [P] V K H L	E E T D E T A V A L	G Y K H D T T K V D S A K F P K		H Q P S G
UniRef90_I4VK05	A A D [P] P A V	S P T D P T A K A L	D Y V E D A T K S T N P K Y K		A G
UniRef90_UPI00037E4DFB	S D M P K L	A E D D P A A Q A Q A L	S Y T H D Y T T T D N	P A H Q E G	
UniRef90_UPI0002F0C412	A Q G A K V	S E T D P Q A Q A Q A L	G Y R Q D T T K V D K	A K Y P N H D A A	
UniRef90_B2UFC1	A [L] A A P M V	A E T D P Q A K A L	G Y V A D T T K A D K A K F P K		H T P D
UniRef90_P00260		D D A T A I A L	K Y N Q D A T K S E R	V A A A R P G	[P] P E E
UniRef90_V5AFR5	A Q A K E N	L T E K D P A A V A L	G Y V E D A R K T D T K K F P K Y		A N G G
UniRef90_UPI00037068C3	P A N A V	L S E A D P Q A Q A Q A L	G Y K D D V S K V D K	A K Y P Q Y A A G	
UniRef90_F9UBY3	P A N A V	A A A N D P T A I A L	K Y N A D A T Q S D R A A A A R P G		[P] P E E
UniRef90_P59860	P A N A V	T E S D P A A V A L	K Y H R D A A S S E R	V A A A R P G	[P] P E E
UniRef90_UPI000474AB8A	A H A Q A K A	D E K D P Q S V A L	G Y V A D A T K T D T K K Y P K Y		A A G G
UniRef90_UPI000479E47B	A A D [P] H V	S P D D P T A K A L	G Y V E D A N T T K D A K R K		A A G G
UniRef90_C9YG32	A A A P M V	D E K D P Q A G A L	G Y K A D A T K V D K T K F P K Y		A A G G
UniRef90_D0KWQ7	A A D [P] H L	S P S D P T A K A L	N Y V E V I A S E S K S S A Y		Q S G G
UniRef90_I1DU65	A F A N E Q L	D P E N P Q A K A L	L Q V V H K S A K		E G
UniRef90_Q21TN2	A A D [P] M V	A D T D P Q A K A L	G Y V A D T T K A D	A K K F P K H A A A	
UniRef90_UPI000368C0F7	Q Q L K K I	D P K D P Q A V S L	G Y V D D T K T V D	S K K Y P K H D N S G	
UniRef90_K6ZUI7	A N A Q E Q V	A [D] D P T A I I A L	K Y V H E S K		I E G
UniRef90_UPI000464FD53	P K L A E T D P Q A V A L	G Y K E D T T K V D	A K K F P N H A A S		
UniRef90_A0A023NQY5	A S E A P H L	A E D D A T A K V L	G Y V E D A S K S K D A R F K		A G
UniRef90_V5YNZ9	V N E S D P Q A Q A V	G Y V A D A S K V D K	A K F P N F A A G G		
UniRef90_K8RNB3	A D S G V V	E E S D A N A V A L	G Y K R D A S Q V D K T K F P K F		Q A G G
UniRef90_UPI00036395FA	E R L S E D D A Q A R A L	H Y R H D A A D V E H A D Y			E E G G
UniRef90_F0G7L9	P V V D E A D A S A K T L	G Y R A K A S T V D A A Q F P K Y			Q P G S
UniRef90_UPI000345C252	A M A Q A K L	D E K D P Q A V S L	G Y V A D T A K A D	G K K Y P Q H Q A S	
UniRef90_G4E1W6	A A A Q K L	T E N D P V A Q A M A Y K H			
UniRef90_T1BML9	A A G L [P] H L	S P T D P A A Q A L	G Y V E D T A Q V D Q	A K Y P N H K P S	
UniRef90_S2LDY6	A Q D L P R L	D P E A P E A K A L	N Y V E N A S N A S D H P A Y E		E G
UniRef90_F2P7P2	A A D L [P] H L	S V D D A Q A K A L	K Y V N E S S F S D K		
UniRef90_Q39MB5		Q E T D A N A Q A L	G Y K T D A S R V D H A K Y P K F		Q A G
UniRef90_UPI000478D995	K V D P K D P Q A M A L	G Y V D D T T K A D	A K K F P K H A N D		
UniRef90_UPI00036EA9EE	H V D E A S D Q A M A L	G Y K H D T K H V D	A K K Y A Q H T A Q		
UniRef90_W9A039	A A A L [P] H L	K Q D S P Q A S A L	K Y V N H S T		V K G
UniRef90_W8KR66	A K A M E R L	D E D S A E A Q A L	D Y V H D A A N A D H		P S Y E E G
UniRef90_UPI00035F8AED	A P K V	D E D S D Q A K A L	G Y R H D T T K V D	G K K Y P Q H V P A	
UniRef90_L8J4N7	A A D [P] P Q L	A E D D P Q A A A L	K Y V H A S P H S D K		
UniRef90_B8KVF3	S S A M A K V	D E N G A Q A Q G L	G Y R H D A T T I D T S A Q P R Y		A A G
UniRef90_F2GBI8	A Q A Q E Q L	S A D D P T A K A L	N Y T P S S T		V E G
UniRef90_W6X3Q2	A R A D D K L	S E S D P A A Q A V	G Y V S A A A K V D K	A R F P A Y Q A G	
UniRef90_UPI0003756F59	A N A Q E L L	D S E D D P T A K A L	N Y T P K S T		
UniRef90_UPI0002D60980	K V D P M V	E K K D D P T A K A L	G Y K T D A S R V D H A K Y P K F		V D G G
UniRef90_UPI00037BBF15	Q A Q L D E K D P Q A V A L	G Y V D D A T Q A D K V	K F K N H V S G		
UniRef90_A2SHW3	A Q A Q T K V	S E K D D P Q A V A L	G Y V E D A T K A D K	A K K F P K H D N A G	
UniRef90_A1VIW1	A P A P L V	Q D S D D P Q A V A L	G Y K S D A T K A D K A K Y P K Y		A A G G
UniRef90_H1G5N9	E R L D E N S P T E A L A L	N Y K H D G A S V D H	P S H A A G G		
UniRef90_UPI00034C563F	A Q T L P L L	Q E D D N P A A Q Q L	G Y V A D A Q R V D R T R F A Q Y A T		
UniRef90_B1XTE2	A Q A Q A M V	A E T D P Q A A A L	G Y K A D A S K V D K A K Y A K Y		A A G G
UniRef90_UPI0003F8098D	A S A Q E Q V	K [L] D D P T A K A L	Q Y T H E S A		I E G G
UniRef90_W8KU2	A G M E R L	D P E D S D S A Q A L	A Y T H D A G T V D H	P Q F K E G	
UniRef90_L0GYI5	A E D L [P] H V	D A T N P I A Q S L	H Y V E D A N V S E R N P V T K T E L P G A E		
UniRef90_Q0A8A1	A D L P R L	S E D D D I A R S L	D Y R H D A T E V T H S R Y	Q D G G	
UniRef90_UPI00037D25FD	A A A Q E K L	S P S D P T A K A L	N Y T E D A A K V D P A K P T F K K		
UniRef90_UPI00036D5158	A A L A T V L	D E Q E P Q A L K L	G Y K A D S S R V D Q	Q K Y P N H K P S	
UniRef90_I0HRS2	S A M A A P V	D E K D P Q A V A L	G Y V A D A A K A D K A K Y K Q F V A G G		
UniRef90_UPI00016A5E37	A A A P L V	D E N D A T A K T L	G Y R A K A T T V D	A G K F P K Y Q A G	
UniRef90_F1VZZ7	A Q Q A A K V	A E T D A Q A V A L	A Y K E D A T K T D K V K F P K Y		A A G
UniRef90_B0SD20	P V	S E N D P T A Q A L	G F H H N A K D T D F I L F P E R K L P Q K N		
UniRef90_UPI00046A2565	A A D L P L L	D T S N P Q A K A L	N Y V E D A N E A K D H A A F K		A G
UniRef90_C5D1N6	A A P P R A E	E E S D E T A V Q L	G Y R H D T K S V D K	K K Y P R H A A T	
UniRef90_UPI000376B823	A Q S L P R L	L D P S D P S A Q A L	S Y V E D A S N A S D H P A Y E		
UniRef90_D5W7F1	A A P P P V	D E N D A T A G S L	G Y R A K A S S V D	A A K F P K Y H A G G	
UniRef90_UPI000304227C	A Q D L S P L	D P E S D D Q A K A L	N Y V E T A A E A S D H P A		Y A E G
UniRef90_UPI00039A6D0B	A F A A D L	T E A D P Q A K A L	G Y K A D A T K V D K T K F P K Y A A P		
UniRef90_UPI0003A1DB3F	A D T A L K L	D E S D P Q A Q Q Y S Y K L	D A T K V D V A T S P A Y K	P G	
UniRef90_W9VQS5	A A S L P P L	S E D A P N A K A L	N Y K V A A D A S S H P A F K		E G G
UniRef90_P83341	A E E K L	E E S S A E A K A L	S Y V H D A T T S G H	D S Y Q E G G	
UniRef90_UPI0002F75A2F	A Q E L P R L	D P S S P T A Q A L	N Y V E N A S D A S D H P A F E		E G G
UniRef90_N1W448	A F A A E P V	S E S D P T A K A L	G F H Q D A K K T D F T L Y P E R K E P Q A N		
UniRef90_I8U9Z9	A F A A E P V	K [L] D D P L A A A M K Y V H Q S			P D D S
UniRef90_Q6LQ92	A A D P H L	A E D D P Q A A A L	K Y V H Q S E K A D		K S E V E G
UniRef90_J1QL88	A F A A E Q L	K [L] D D P L A A A M R Y T H			

50            60            70            80

QUERY			
UniRef90_Q2T223	<b>Q H C A N C Q F M Q A N V G E G D W K G</b>	<b>C Q L F P G K L I N V N G W C A S W T L</b>	
UniRef90_UPI0003799FD9	<b>E I C S G C M L Y Q G K K G S A S</b>	<b>G P C G A F P G K Q V S A K G W C N A F T K</b>	
UniRef90_UPI0004781CF2	<b>E M C G N C C Q L F Q G K A G D A</b>	<b>Y G P C A L F G G K Q V N A K G W C S G Y T K</b>	
UniRef90_D5W9Y8	<b>Q Q C S N C S S F F Q G K A G D A</b>	<b>Y G G C P M F G A G K Q V A A T G W C S A Y T K</b>	
UniRef90_UPI000470B07A	<b>Q H C A N C C Q L Y Q G K P G S T N</b>	<b>E W G G C A M F G R K H I A A R G W C S A W A K</b>	
UniRef90_D5WKR0	<b>Q T C A N C C Q L F Q G K A S D A</b>	<b>W G P C P I F G G K L V E A K G W C N A Y V K</b>	
UniRef90_U3QG92	<b>Q K C S N C Q L F Q G K A S D A</b>	<b>W G P C P I F G G K L V E A K G W C N A Y V K</b>	
UniRef90_I3Y7K8	<b>Q H C A T C C Q F M L A D Q G E G D W K G</b>	<b>C S L F P G K L I N V N G W C S S W T L</b>	
UniRef90_A0A022GEA8	<b>Q H C G N C Q L F Q G K A T D A S</b>	<b>G G C P L F A G K Q V A T K G W C S A W V K</b>	
UniRef90_A0A023NS44	<b>D T C A N C C Q F Y S G</b>	<b>G A T G Y G P C Q L F P G K S V N A K G W C V S H A P</b>	
UniRef90_UPI00036C391C	<b>Q T C C L N C Q L Y T D A D A A E</b>	<b>W G P C A V F P G K L V A A A G W C S A W V P</b>	
UniRef90_UPI00034A2833	<b>Q R C G T C S L F Q G K S G D A</b>	<b>W G G C V L F G A K L V I A S G G W C S S Y T</b>	
UniRef90_A0A038GP53	<b>Q A C A N C Q L Y G G G K L G D V S</b>	<b>G P C P I F A G K L V A A D G W C S A Y V K</b>	
UniRef90_I4WQK0	<b>D D C S N C Q F Y S G</b>	<b>G P T G Y G P C Q L F P G K S V S A K G W C V S H S P</b>	
UniRef90_R4VGJ6	<b>A N C A N C R L Y L G E</b>	<b>G D A E W G G C T A F P G K A V N V N G W C S A W V A</b>	
UniRef90_K8R9V8	<b>Q T C A N C S L Y Q G K A S D A</b>	<b>W G G C T L F G D E L V A A G K G W C C S S W T</b>	
UniRef90_UPI000475586F	<b>N T C C A N C N F Y Q G</b>	<b>G A A A W G G C Q L F P G K A V N A K G W C C S A H A K</b>	
UniRef90_UPI0004263350	<b>Q F C H N C K F L Q</b>	<b>A G E G E W R P C S I F G G K L V S V N G W C C S S W L</b>	
UniRef90_D5WNP4	<b>Q A C A N C Q F F Q G K A G D A</b>	<b>T A P C T I F T P G K L V N A K G W C S A Y V K</b>	
UniRef90_H1G228	<b>Q T C C L N C C L Y S</b>	<b>D A S A Q D W G P C S V F P G K L V S A N G W C C T A W V A</b>	
UniRef90_UPI00034D3051	<b>Q R C A D C C G F F Q G A A G D</b>	<b>E W A G C A M F G R K Q I H A N G W C C N A W V K</b>	
UniRef90_I4VK05	<b>D V C H N C C Q F Y T A T N T</b>	<b>T G R G P C Q L F P G K S V N A K G W C C V I S H T P</b>	
UniRef90_UPI00037E4DFB	<b>A H C A N C C Q L Y T G D P N</b>	<b>A D W G P C S A F P G K R V N T Q G W C C S A W V K</b>	
UniRef90_UPI0002F0C412	<b>Q P C A T C C Q L F Q G K A G D A</b>	<b>W G G C P L F A G K Q V S A N G W C C S S Y V K</b>	
UniRef90_B2UFC1	<b>Q H C G N C A L Y Q G</b>	<b>G T A A Q G G C P L F A G K D V A N K G W C C S A W A K</b>	
UniRef90_P00260	<b>Q H C A N C C Q F M Q A D A A G A</b>	<b>E W K G C P Q L F P G K L I N V N G W C C S A W T L</b>	
UniRef90_V5AFR5	<b>Q L C S N C S L Y Q G K A T D</b>	<b>E R A G C P L F A G K Q V A A G K G W C C N A W V K</b>	
UniRef90_UPI00037068C3	<b>Q N C A T C C S L F Q G K A T D A</b>	<b>Y G G C T L F G D K Q V A A R G W C C S S Y T</b>	
UniRef90_F9UBY3	<b>Q H C A N C C Q F H L P D V A G A E W H G</b>	<b>C S L F P G K L I N V N G W C C S A W T L</b>	
UniRef90_P59860	<b>Q H C E N C C Q F M N P D S A A A D W K G</b>	<b>C Q L F P G K L I N L S G W C C S A W A K</b>	
UniRef90_UPI000474AB8A	<b>Q V C T N C A L Y Q G K A S D A</b>	<b>W G G C P L F A G K Q V A A G K G W C C S A W A K</b>	
UniRef90_UPI000479E47B	<b>D A C A N C C Q F Y S G</b>	<b>G A S G Y G P C Q L F P G K S V N A K G W C C V I S H S K</b>	
UniRef90_C9YG32	<b>Q A C S N C C A L Y Q G K A A D A A</b>	<b>G G C P L F A G K Q V A A G K G W C C S A Y A K</b>	
UniRef90_D0KWQ7	<b>D A C C D N C C A L Y Q Q G D R</b>	<b>K A D D W G P C A V F P G K D V A S K G W C C S S Y V K</b>	
UniRef90_I1DU65	<b>Q D C A N C C A L I Q Q G S D G E P</b>	<b>W R P C S I F P G K L V N S E G W C C A A A W A K</b>	
UniRef90_Q21TN2	<b>Q Q C G N C C A L Y Q G K A G A A S</b>	<b>G P C P L F A G K Q V A A G K G W C C S A Y A K</b>	
UniRef90_UPI000368C0F7	<b>Q V C S G C C Q F Y T T A Q E Q K N</b>	<b>□ A P C T I F G G K A V A A N G W C C S A Y V K</b>	
UniRef90_K6ZUI7	<b>A H C S N C C Q Y I Q Q G E D G</b>	<b>K E W R P C G I F P G K V V N A K G W C C S A W M K</b>	
UniRef90_UPI000464FD53	<b>Q N C A N C C Q L F Q G K P K E A T</b>	<b>G G C P L F A G K Q V A A A G W C C S A W S K</b>	
UniRef90_A0A023NQY5	<b>Q K C A S C C Q L Y T G</b>	<b>G P S G Y G P C Q I F P G K T V S G K G W C C S S Y M P</b>	
UniRef90_V5YNZ9	<b>Q A C A S C C S L F Q G K A S D T</b>	<b>Y G G C T L F G D K Q V V A S R G W C C S A Y S</b>	
UniRef90_K8RNB3	<b>Q A C A S C C Q L F Q G K A G D A</b>	<b>M A P C T I F P G K Q V S A K G W C C S A Y M K</b>	
UniRef90_UPI000363695FA	<b>Q T C A N C C Q L Y T</b>	<b>D A D A E D W G P C S A F P G R L V S A N G W C C T A W V P</b>	
UniRef90_F0G7L9	<b>Q R C A N C C R F Y S G G A S D A T</b>	<b>G T C P M F A G K L V A A E G W C C N V Y A K</b>	
UniRef90_UPI000345C252	<b>Q M C H G C A L F Q G K A G D A A</b>	<b>G P C S L F G G K T V S G K G W C C S A W A K</b>	
UniRef90_G4E1W6	<b>R T C E N C C L L Y K P D A G T A G W G S</b>	<b>C S L F P G K L V A A E G W C C S A W V P</b>	
UniRef90_T1BLM9	<b>Q D C S N C C N F Y R G A A G</b>	<b>A P P W G P C Q L F P G K D V N A K G W C C S A H A T</b>	
UniRef90_S2LDY6	<b>E T C A N C C M F F Q Q D T E</b>	<b>G C Q L F P N N S V E P G G W C C Q S W T A</b>	
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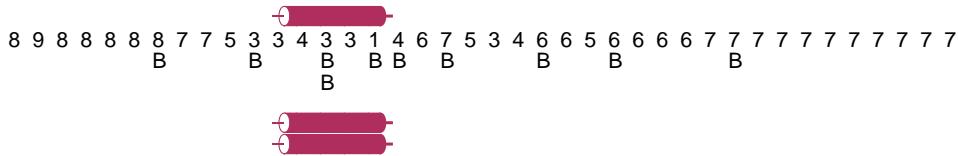
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UniRef90\_F9UF0 Q K C S E C C Q L F S G E P G E P L G P C S F F G K R L V P D G W C  
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UniRef90\_F2JZT9 S T C L N C S Y F N P S T C G F Y A K K E S G K E A G T C T I F A G K L V Y G D A W C R A W R P  
UniRef90\_A0A024F0U3 N N C T T C G F Y A K K E S G K E A G T C T I F A G K L V Y G D A W C R A W R P  
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UniRef90\_T0SHC7 D N C A N C K F Y K A D A G T P G Y G K C P M M A N K Y V S A C G W C K S Y A K  
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UniRef90\_A1WX43 Q L C E N C V F W G E G V E N G W G R C P D F D D V L V R A E G W C S V Y A P  
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UniRef90\_M4VB83 Q H C D K C I F Y V A T V E G K K A A P C Q M F A D K F V A A Q G W C S T W A K  
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UniRef90\_UPI000412E08E E R C D N C A F W D G N G G C A D F Q G V N V S A N G W C D A W V  
UniRef90\_T0RA19 S T C A N C K F Y K K A K E E G G Y A P C M L A N K Y V S N C G W C K S Y A A  
UniRef90\_UPI0003B4BE94 K N C A N C Q L Y Q Q A E A G K N C G G C Q L F P G P V N P Q G Y C T S W V A  
UniRef90\_UPI00036B4561 K K C L D C N L F V P G A S S T A P G G C K V F P N D E I S P N G Y C I A W A K  
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UniRef90_W7QQG6	
UniRef90_UPI00047A7DFB	K A
UniRef90_F2LG05	M A
UniRef90_Q0A8A2	A A
UniRef90_UPI00036B2E4B	K A
UniRef90_UPI0003788CDF	Q P
UniRef90_K5BQ12	R T
UniRef90_A0Z512	K
UniRef90_UPI00036CF2DF	K A G
UniRef90_V41YB7	K A G
UniRef90_H5TE62	K
UniRef90_UPI00035D3A43	R A
UniRef90_W6WKV5	R A
UniRef90_T1CMU5	K
UniRef90_P83342	R
UniRef90_W6LZV3	K V A
UniRef90_UPI00047BDE2D	R A
UniRef90_UPI00047448D8	K A
UniRef90_Q0F526	K A
UniRef90_T0ZEAT	R S
UniRef90_A4ABT5	
UniRef90_K6ZKX7	K
UniRef90_B8KN43	
UniRef90_UPI00034B7E5E	
UniRef90_J7JBY0	R A
UniRef90_UPI0003B67AA4	K
UniRef90_H8KYT4	R
UniRef90_UPI0003B78011	K A
UniRef90_W6M0D7	K A A
UniRef90_UPI0003B761E9	K P A
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UniRef90_Q46QX8	
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UniRef90_UPI0004648BDF	R
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UniRef90_B8KSX6	R
UniRef90_H8Z5Y3	R P A
UniRef90_A1WXH6	
UniRef90_I3I615	R P
UniRef90_F2JZT9	
UniRef90_A0A024F0U3	K A
UniRef90_F9ZEI3	K
UniRef90_T0SHC7	K A
UniRef90_U1QPY3	
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UniRef90_Q2RYR1	Q S
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UniRef90_P04169	
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UniRef90_G0IWC5	R
UniRef90_D0MJN7	K A
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UniRef90_UPI00036B4561	K A
UniRef90_F9ZPT8	K A
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UniRef90_UPI000378DDF3	
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UniRef90_L9VJM5	Y E G
UniRef90_D8NTQ9	R
UniRef90_UPI000373C985	
UniRef90_R7ZVA0	R
UniRef90_M0N166	
UniRef90_Q8XX28	R
UniRef90_UPI00036EBDEF	Q
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UniRef90_UPI0003A7ACB8	
UniRef90_A5G1D9	K S
UniRef90_T0L107	R P
UniRef90_UPI00037C4239	Q
UniRef90_M0MHZ2	
UniRef90_M0HB70	

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1	A D P G K M T S A Q E S	V R K T L R Y T E Q S S D S T K	30	40
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		R A D A S D S D K A S	V S Y Q D K P E G K	
		A A T S K A S Q A S	T E A G Y A C G P Q E G	
		D V N F M E S V I E A I	A A E T A P P G	
		K E D V K F Q E A S D A	V E A E I A Q E G	
		S K A A V Q Y Q D M P H S G		
		K A P Q A V A M Y Q P K P H G A		
		A K V P K A T F K Y Q D T P L D G		
		A Q S G K M T K A Q A Q Y Q N Q P K G D		
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		V A D A G S M P K A A V Q Y Q D T P K G K		
		K S S K A S S A Y R G S P N G R		
		T A A K S A L Q Y Q D H P K G T		
		A K G T K E Q F K Y Q S T P N N G		
		A A K V P Q A S V Q Y Q V H P N E G		
		Q T S A T N F C D D L S N V S K S E L E K R K T P L P D		
		A Q K S M R K S L G F R T S T D A T		
		S R M A K T A A Q Y Q A S P R S G		
	A N A A E C V D P A S L S A			

lupas\_21  
 lupas\_14  
 lupas\_28  
 jnet  
 conf  
 sol25  
 sol5  
 solo  
 jhmm  
 jpssm



Sequence logo showing the conservation of amino acids at positions 50, 60, and 70 across UniRef90 entries. The x-axis represents the amino acid sequence from A to V, and the y-axis represents the position. Positions 50, 60, and 70 are highlighted with yellow boxes.

lupas\_21  
lupas\_14  
lupas\_28  
jnet  
conf  
sol25  
sol5  
sol0  
jhmm  
jpssm

UniRef90_A4ADL0	
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UniRef90_F9ZPX4	
UniRef90_L0IE84	R
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UniRef90_M0CEQ4	
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UniRef90_N1MQF3	K
UniRef90_D5WZS8	
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UniRef90_Q30NT2	K
UniRef90_G3ITZ6	K P A
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UniRef90_P50500	K S A
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UniRef90_Q133A0	K A

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lupas_14	
lupas_28	
jnet	
conf	8 9 9
sol25	
sol5	
solo	
jhmm	
jpssm	